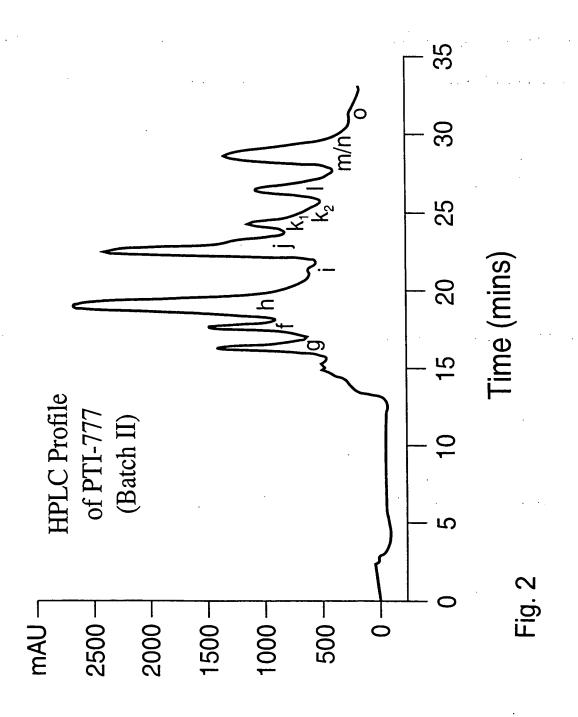
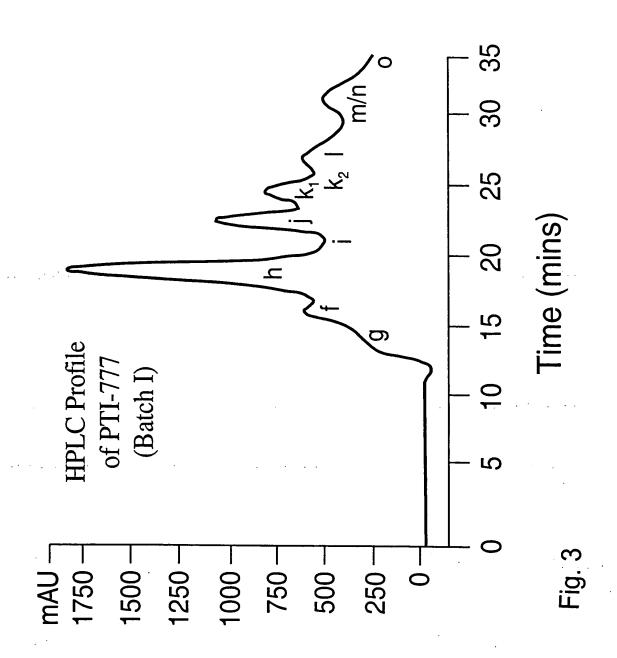
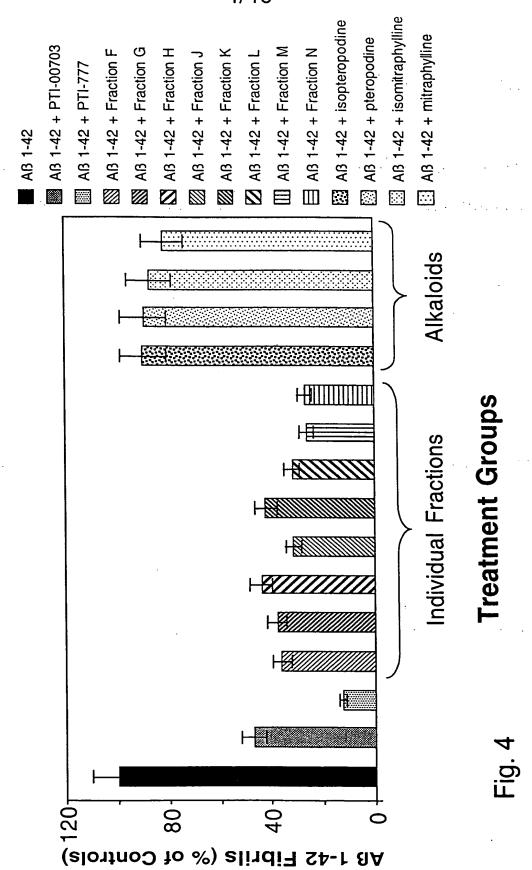


Fluorescence Units







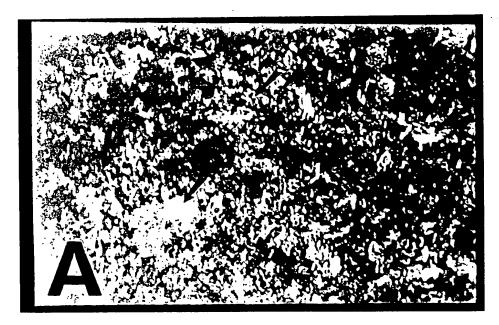


Fig. 5A

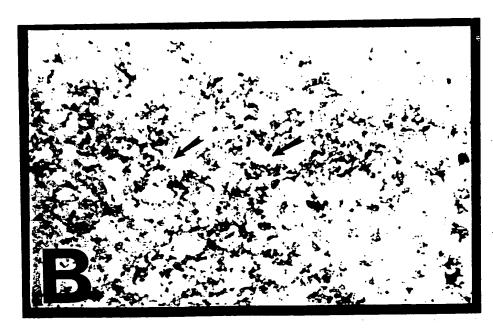


Fig. 5B

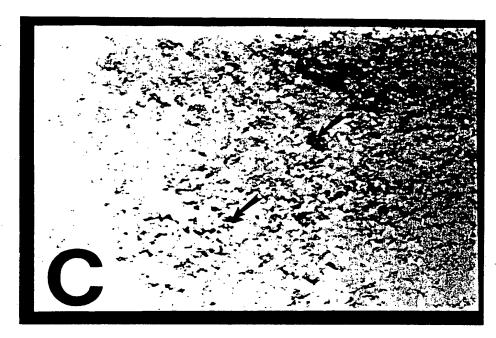
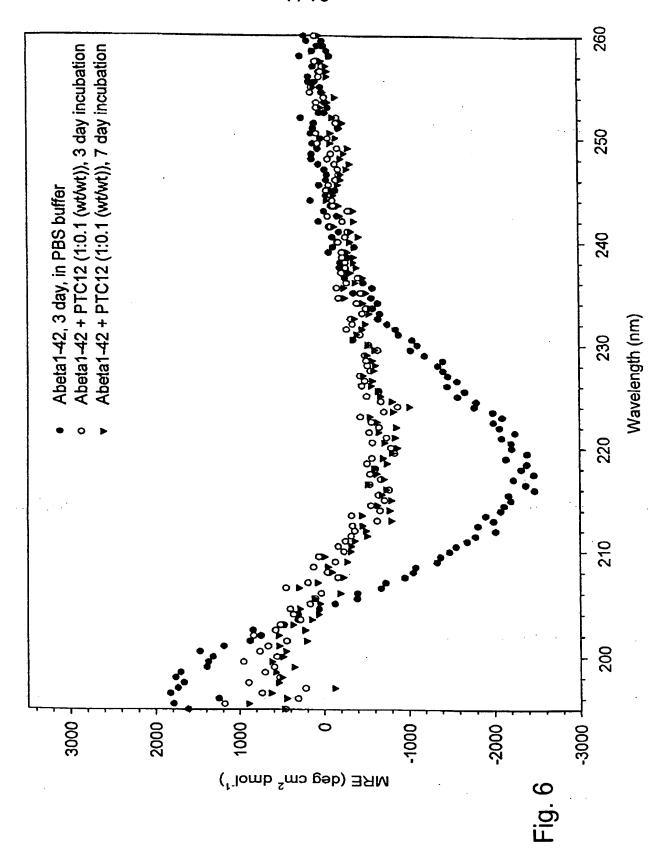


Fig. 5C



Fig. 5D



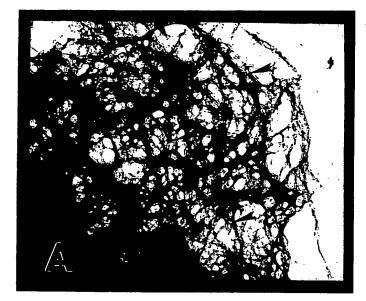


Fig. 7A

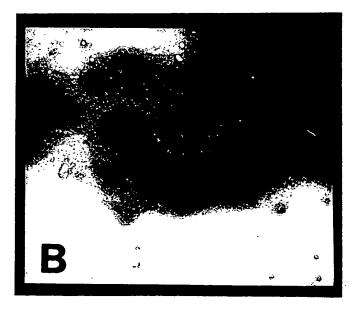
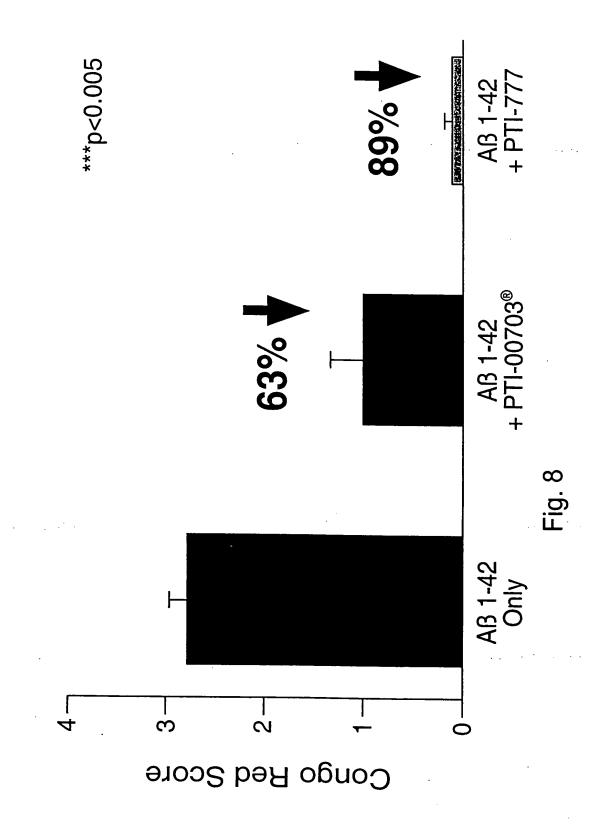


Fig. 7B



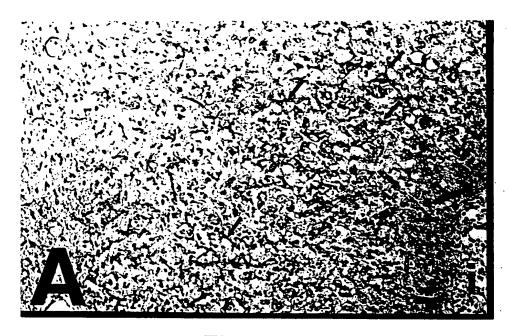


Fig. 9A

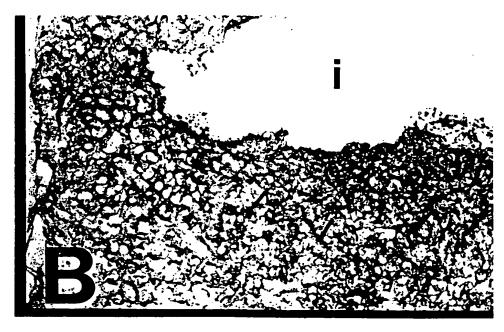


Fig. 9B

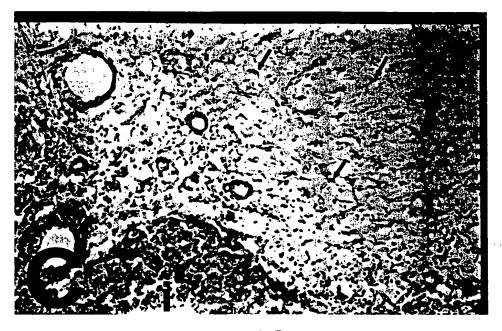


Fig. 9C

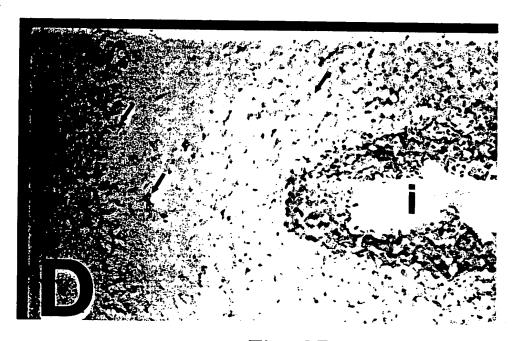
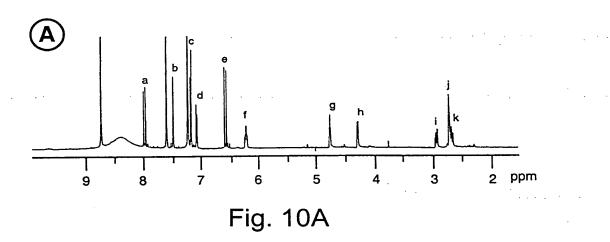


Fig. 9D



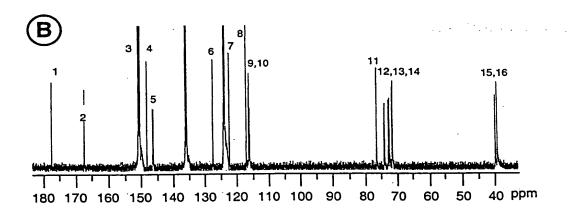
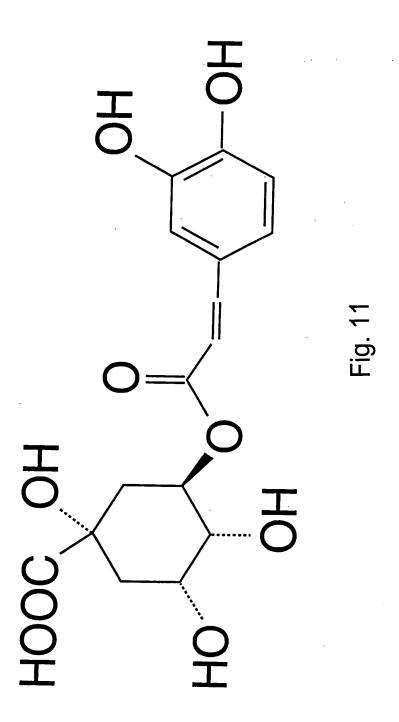
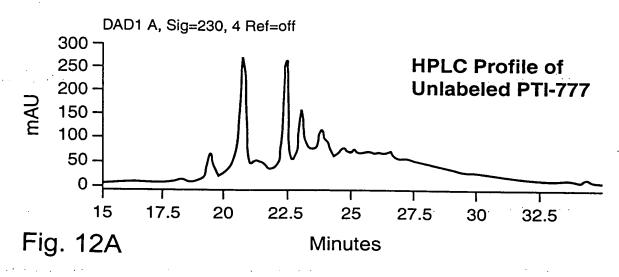
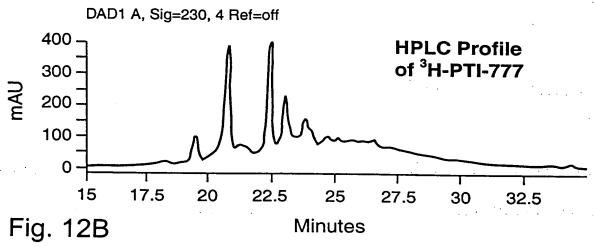
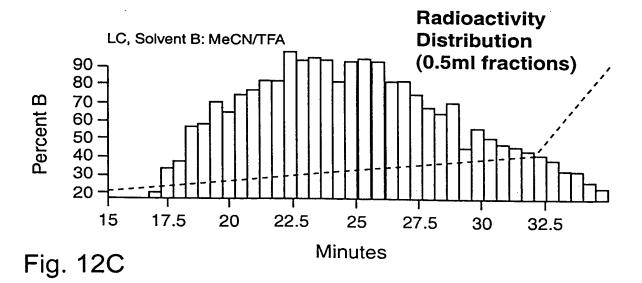


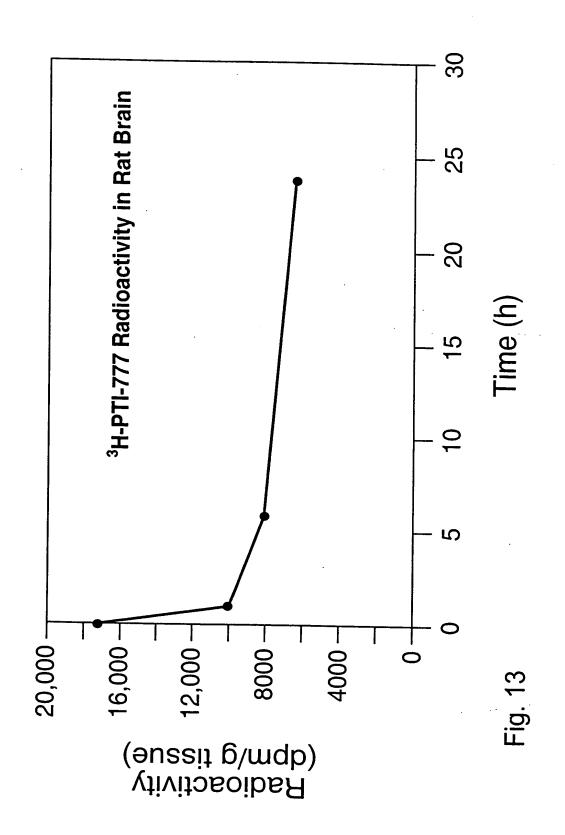
Fig.10B











Jaguar Summed Mass Spectrum Report

File Name:

G:__41.dat

Method Name:

Sample ID:

Instrument: **JAGUAR** Time Run:

11/13/00 11:01:40 AM Report Created: 11/13/00 11:03:26 AM

Operator:

Ionization Mode: ESI - positive ions

Spec # Range: 2706 - 2778

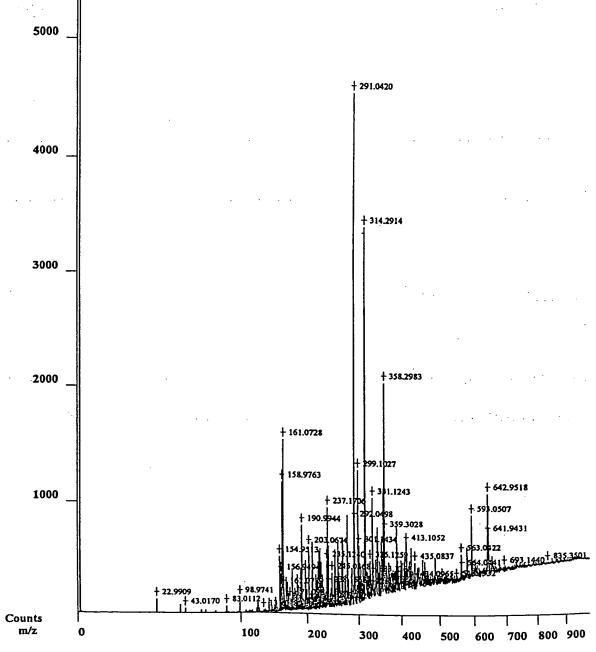
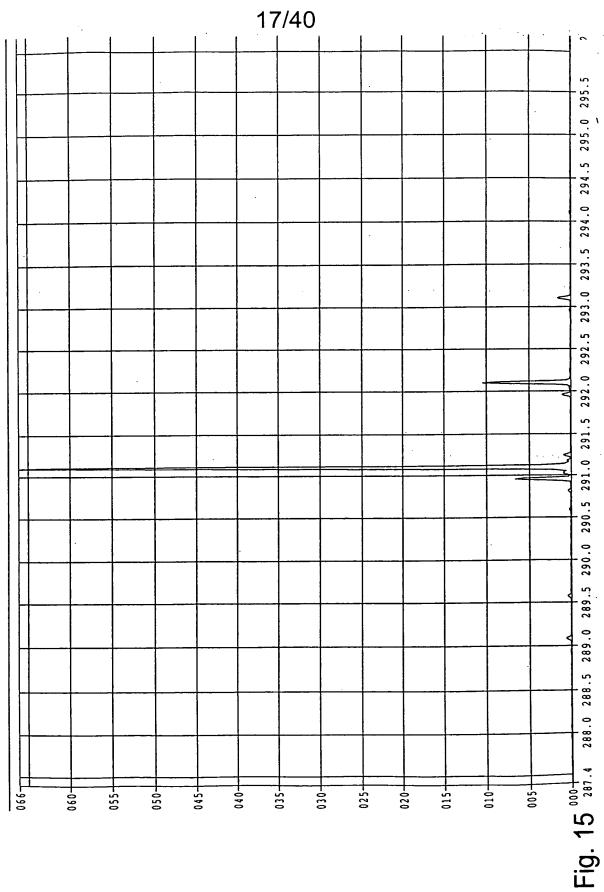


Fig. 14



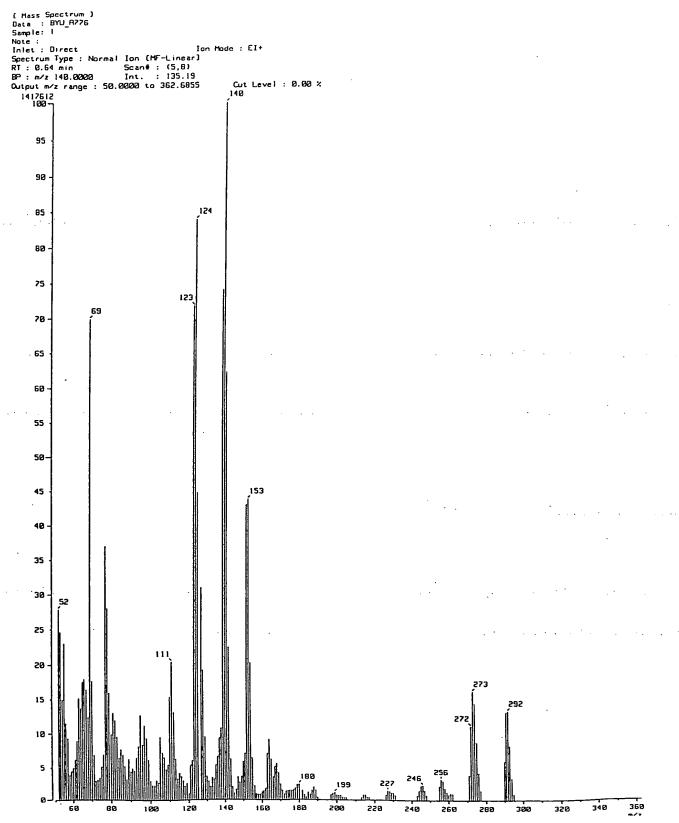


Fig. 16

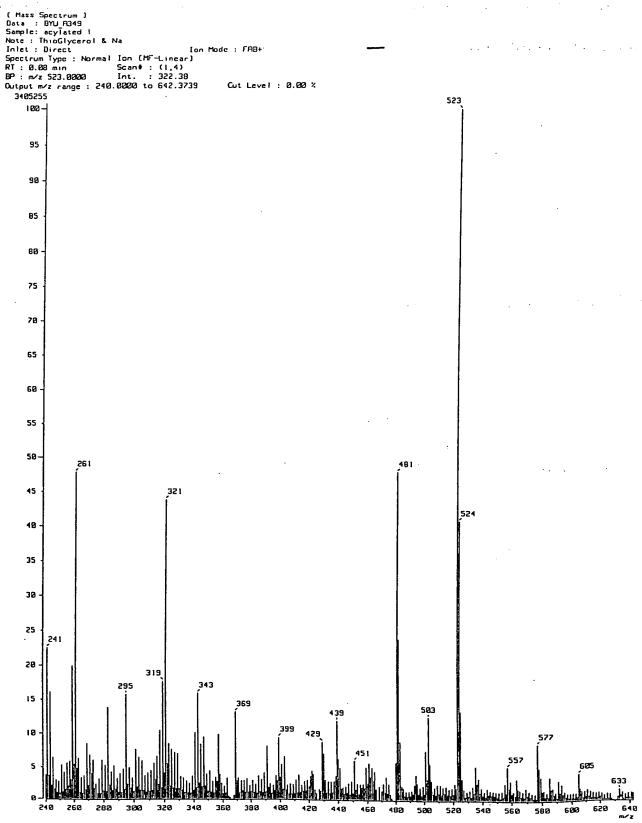


Fig. 17

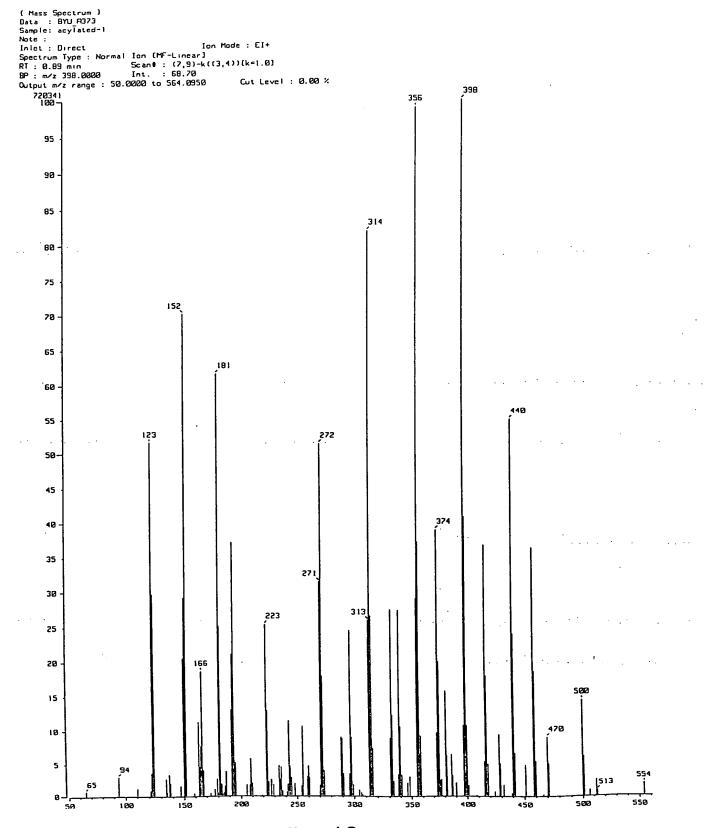
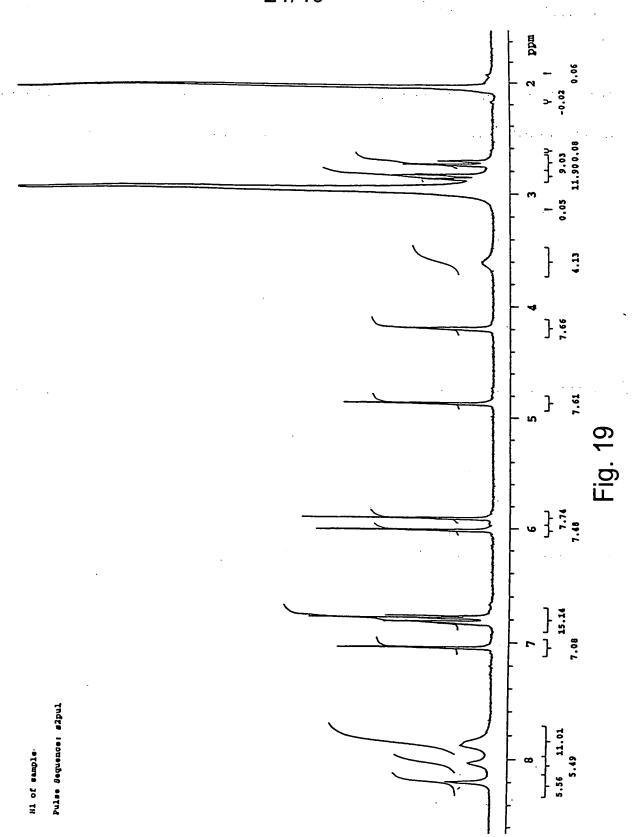
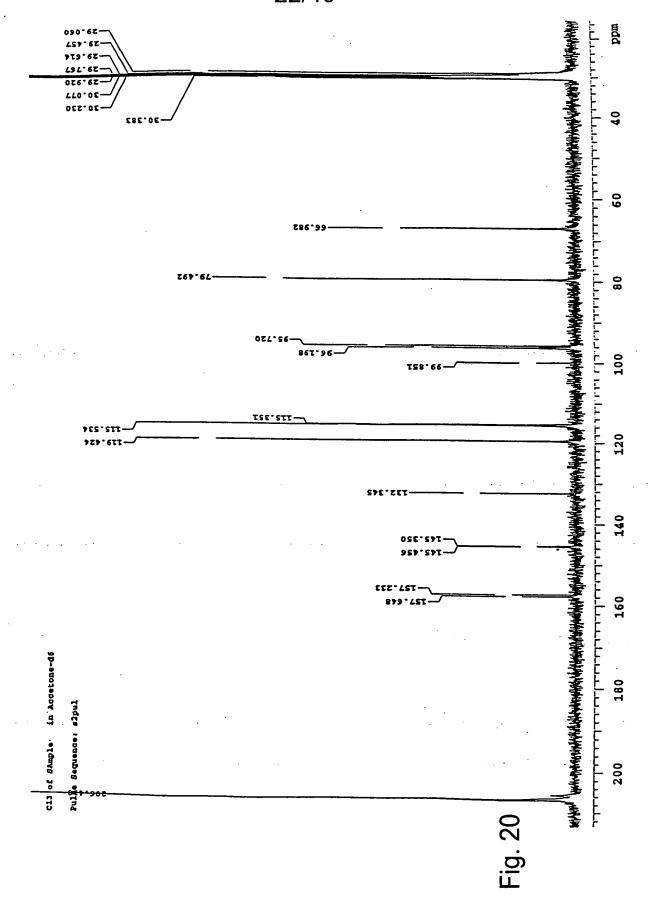
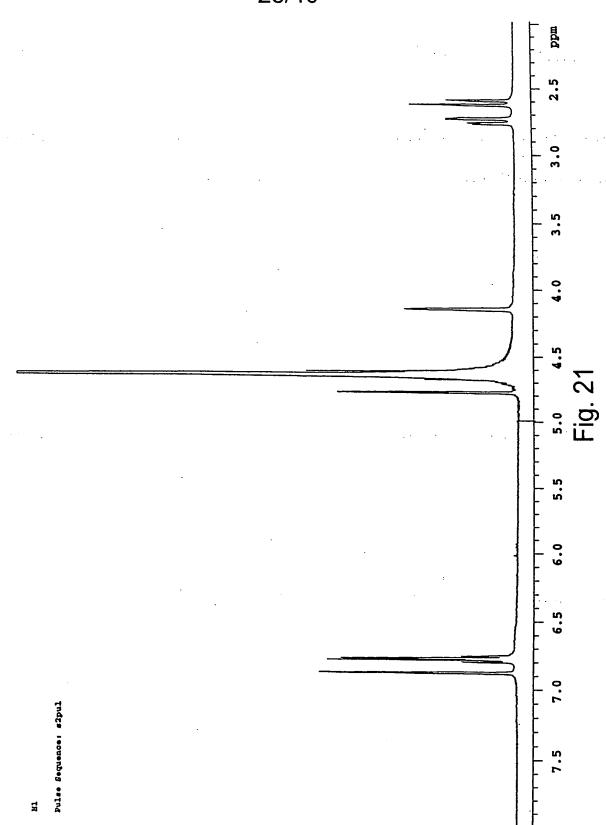
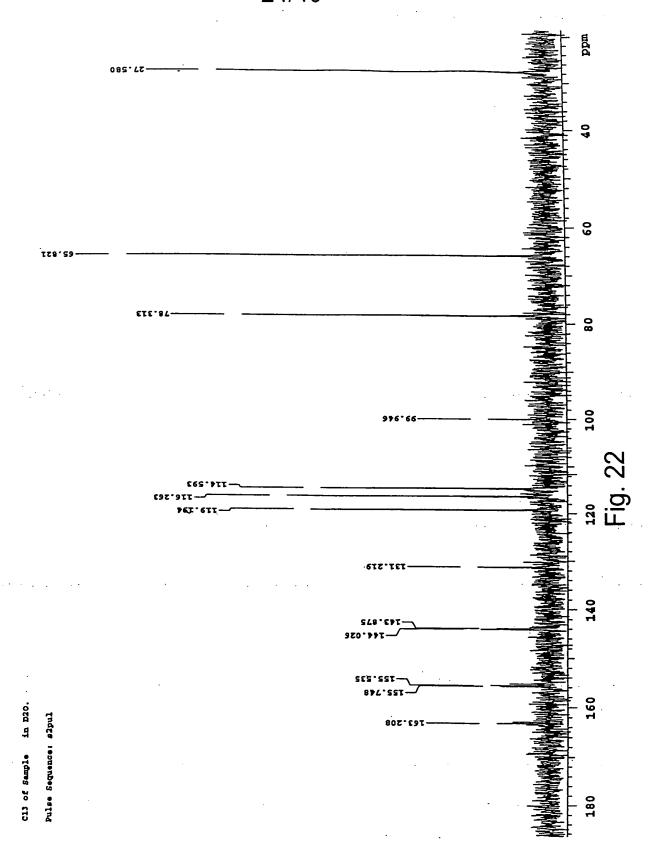


Fig. 18









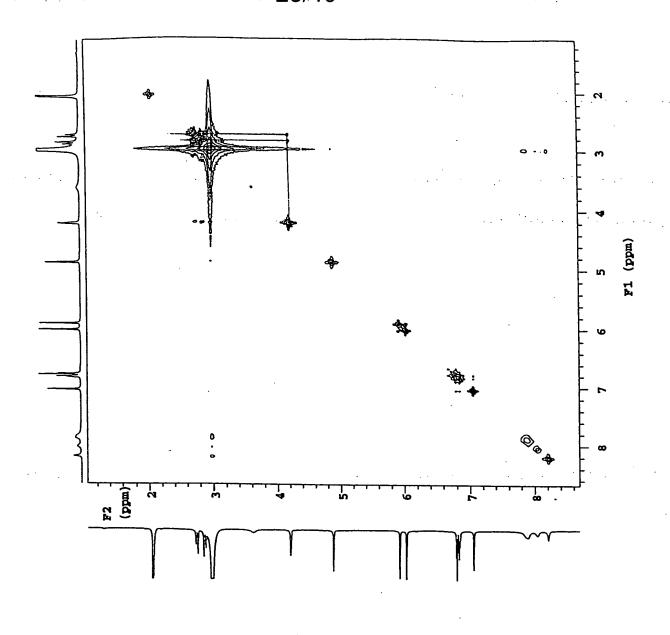


Fig. 23

Pulse Sequence: relayh
Solvent: Acetone
Ambient temperature
UNITY-500 "nmx500"

PULSE SEQUENCE: relayh
COSY 90-90
Acq. time 0.302 sec
Width 3817.5 Hz
10 width 3817.5 Hz
11 repetitions
159 increments
OBSERVE HI, 499.8814428 MHz
DATA PROCESSING
Line broadening 0.3 Hz
PT size 1024 x 1024
Total time 14 min, 12 sec

COSY of Sample.

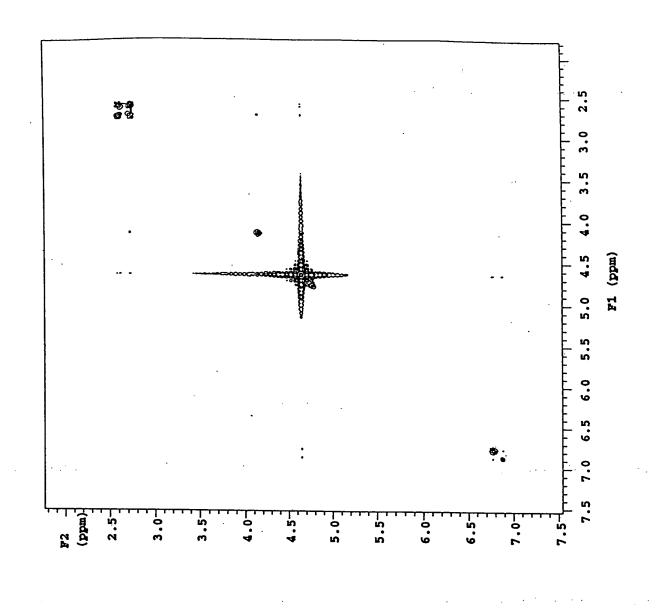


Fig. 24/

Pulse Sequence: relays

Solvent: D20

OBSERVE H1, 499.8801324 MHE

8 repetitions 120 increments DATA PROCESSING

Relax. delay 0.500 sec

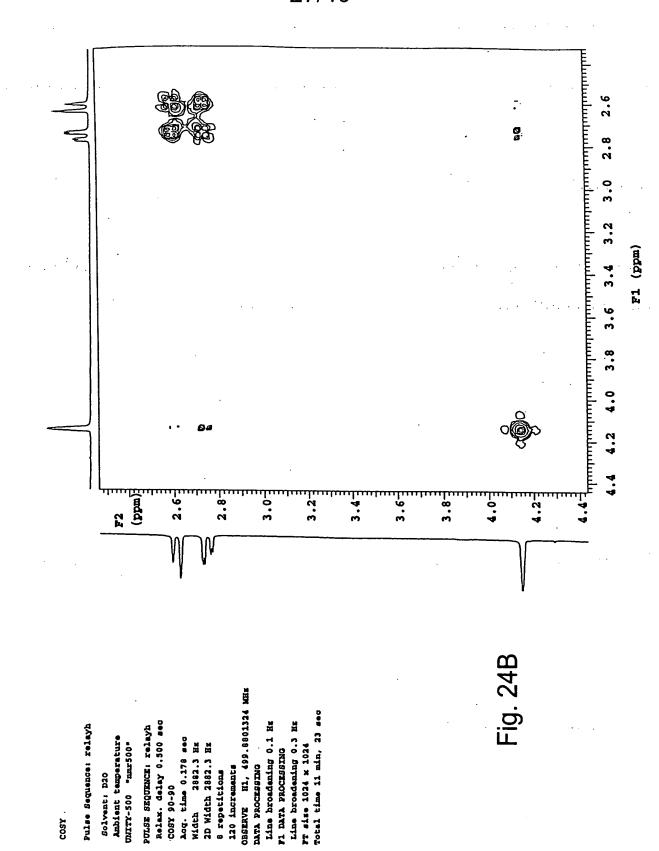
COST 90-90

Acq. time 0.178 sec Width 2882.3 Hz 2D Width 2882.3 Hz

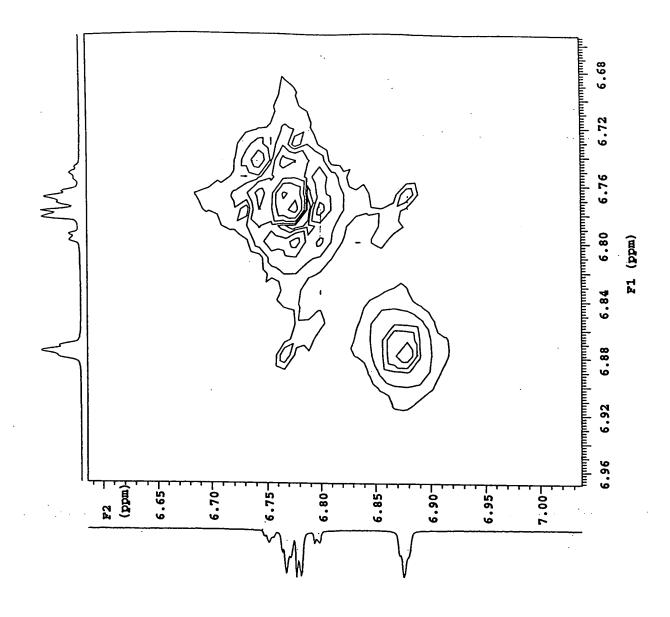
PULSE SEGUENCE: relayh

Ambient temperature UNITY-500 "nmr500" Line broadening 0.3 Hz FT size 1024 x 1024.
Total time 11 min, 23 aeg

Line broadening 0.1 Hz



COSY .



OBSERVE H1, 499.8801324 MEX

8 repetitions 120 increments

Line broadening 0.1 Hz

FI DATA PROCESSING DATA PROCESSING

PULSE SEQUENCE: relayh Relax. delay 0.500 sec

COSY 90-90

Ambient temperature UNITY-500 "nmr500"

Acq. time 0.178 sec Width 2082.3 Hz 2D Width 2882.3 Hs

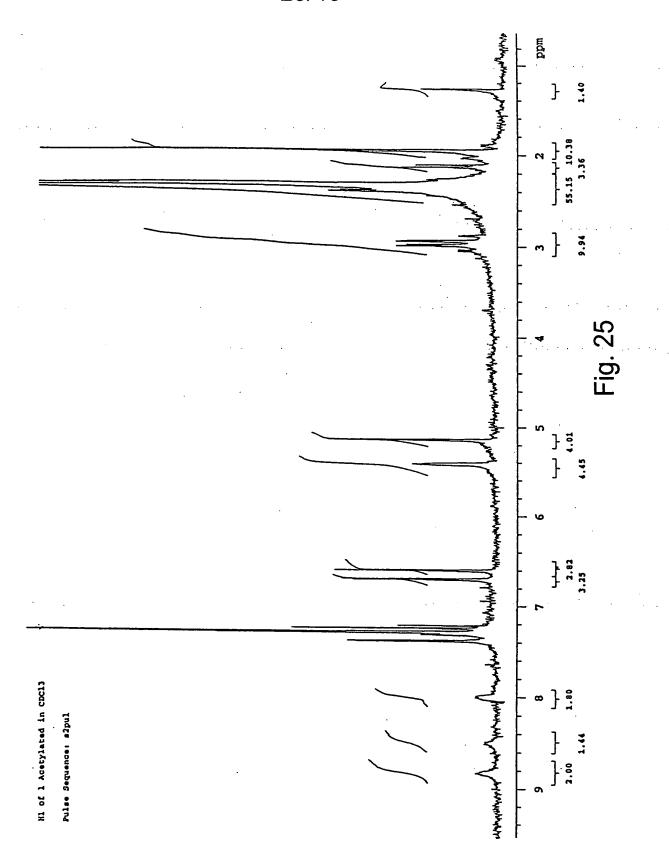
Total time 11 min, 23 sed

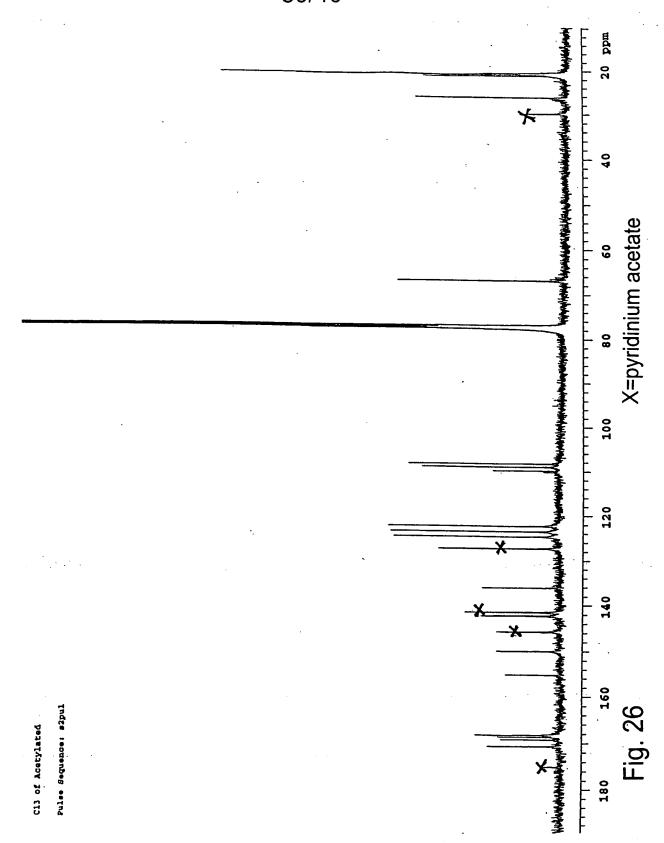
Line broadening 0.3 Hg FT size 1014 x 1024

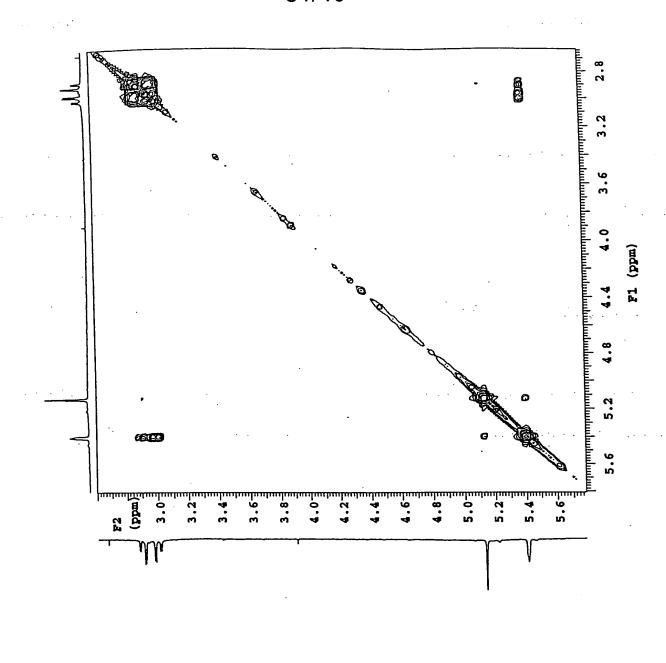
COSY

Pulse Sequence: relayh

Solvent: D20







Sine bell 0.064 sec Fl Dara PROCESSING Sine bell 0.032 sec FT size 2048 x 2048 Total time 1 hr, 31 min, 32 sec

512 increments OBSERVE H1, 499.9135718 MHz

DATA PROCESSING

16 repetitions

Bolvent: CDC13 Temp. 26.0 C / 299.1 K INOVA-500 "nmr500"

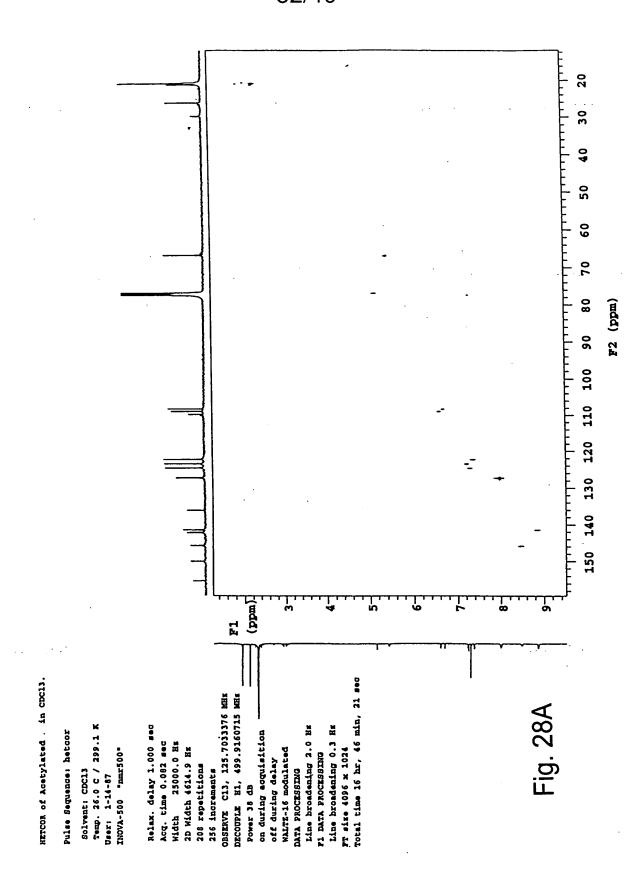
Pulse Sequence: relayh

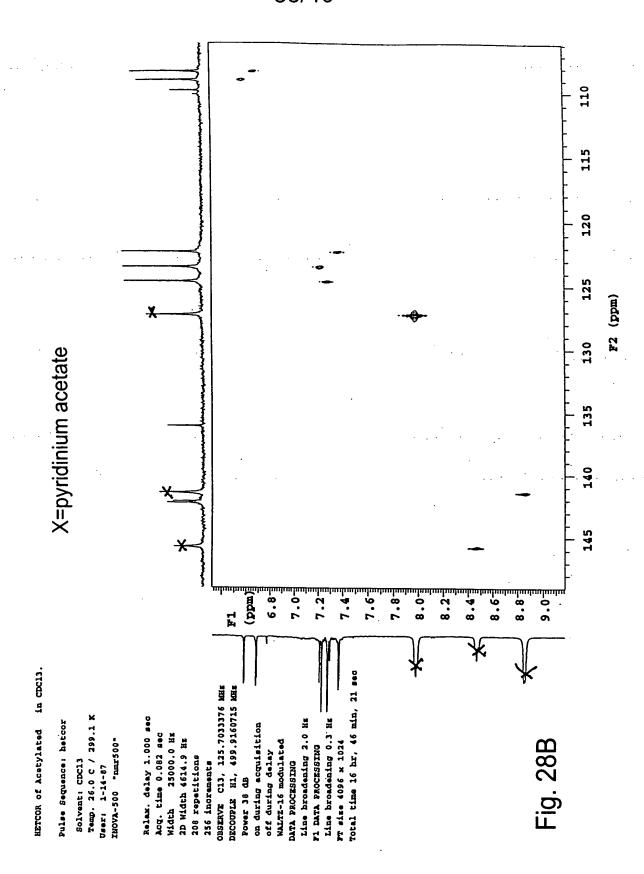
COSY

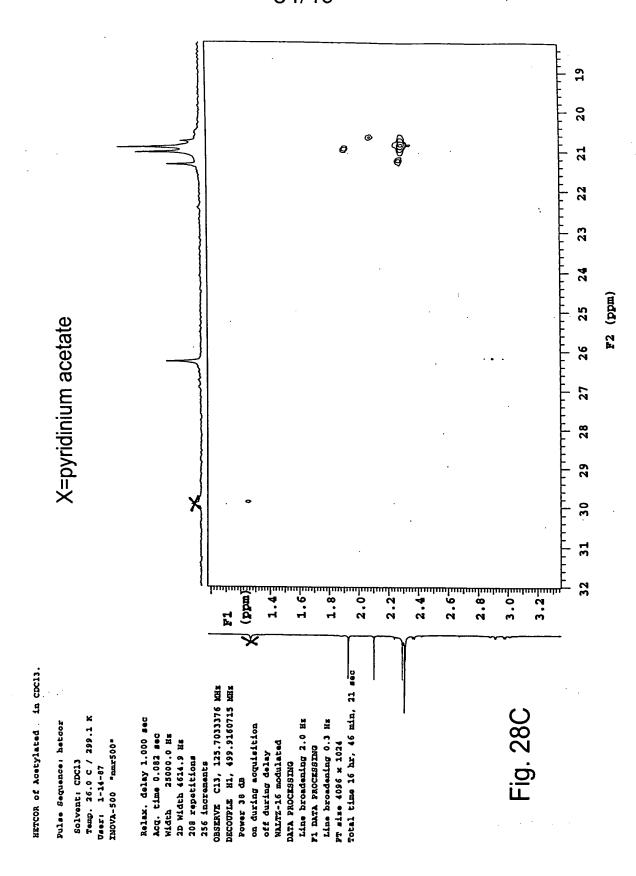
Relax. delay 0.500 sec COSY 90-90

Acq. time 0.128 sec Width 8000.0 Hr 2D Width 8000.0 Hr

Fig. 27







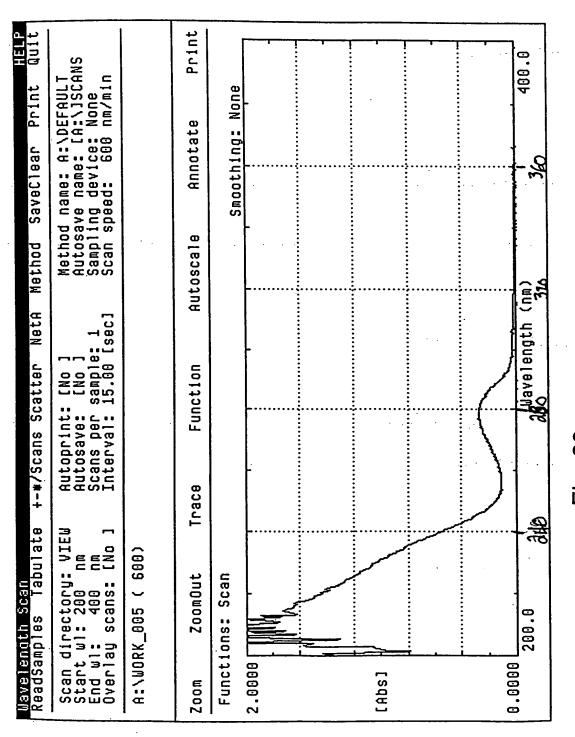


Fig. 29

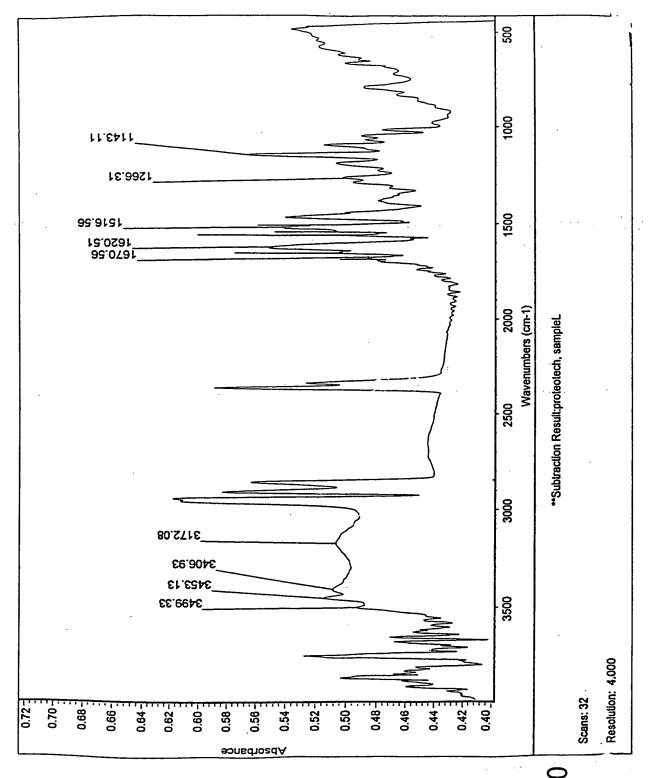
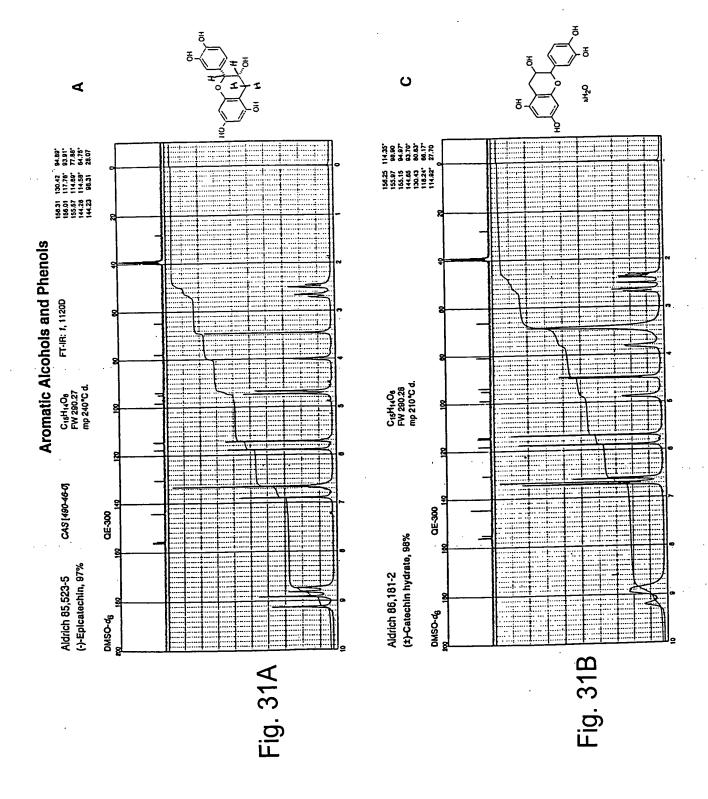
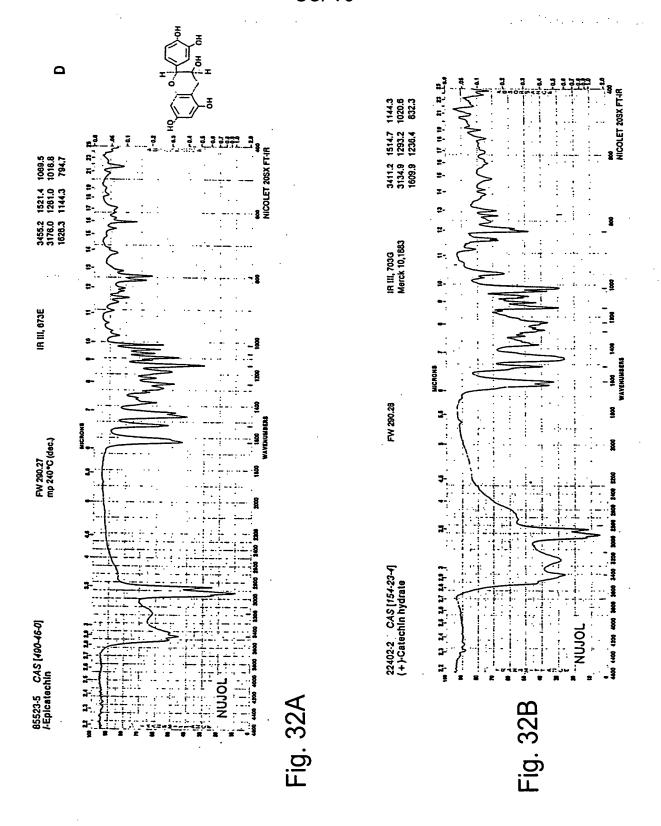


Fig. 30





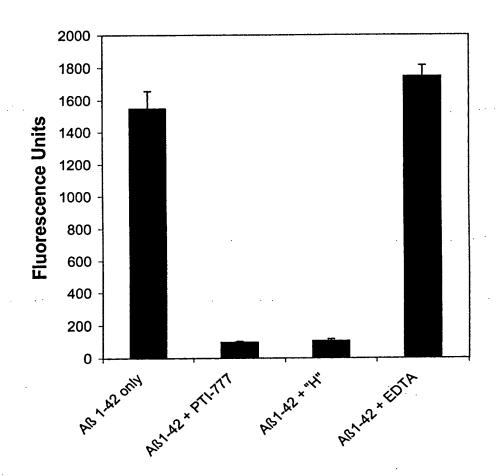


Fig. 33

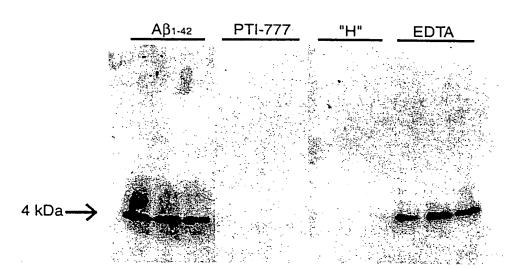


Fig. 34

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